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CLASSIFIED MESSAGE

TOP SECRET**SECRET**

NPIC REGISTRY

FILE INFO

(When Filled In)

REPRODUCTION PROHIBITED

OCT 4 3 07 PM '71

ACTION P1	1	FILE	6	PSG/OC	11		16
	2	ODIR	7	PPHBS	12		17
TSG/TDS	3	TSG/TDS	8		13		18
	4	TSG/LSB	9		14		19
	5	TSG/APSD	10		15		20

OUT-73151

TOP SECRET 041836Z OCT 71 CITE [REDACTED] 1754

REF: [REDACTED] 5784 (30 SEPT 71) - IN-86299

THE CHANGE OF THE GYRO PACKAGE TO A SEVEN DEGREE PER HOUR SYSTEM WOULD BE A DEGRADING FACTOR TO THE HIGH QUALITY IMAGERY EXPECTED FROM FUTURE [REDACTED] SYSTEMS. THE HIGHER RATES WOULD RESULT IN LARGER AMOUNTS OF YAW PITCH, AND ROLL SMEAR WHICH WOULD EFFECT THE RESOLUTION ON THE PHOTOGRAPHY.

THE ATTITUDE RATE REQUIREMENTS FOR THE [REDACTED] VEHICLE ARE AS FOLLOWS: ALL MEASUREMENTS IN DEGREES PER SECOND (REF [REDACTED]) "SMEAR CONTRIBUTIONS OF THE SATELLITE VEHICLE" TWO SIGMA TOLERANCES.

PITCH ROLL YAW
0.014 0.021 0.014

THE EXCEPTIONAL IMAGERY DERIVED FROM THE FIRST VEHICLE CAN BE TRACED TO THE LOW ATTITUDE RATES ACHIEVED BY THE PRESENT PACKAGE.

[REDACTED] HAS REQUESTED [REDACTED] TO REVIEW THIS REFERENCE CABLE AND ANSWER IN MORE DETAIL.

TOP SECRET

GP-1

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